In the Abstract:

~~ABSTRACT~~ ABSTRACT OF THE DISCLOSURE

A power transfer system for converting recurring wave movement within the ocean to electrical energy. The system comprises pressure sensing structure such as a pressure transducer 10 or combination movable magnet and coil 50, positioned below water level and at a location 20 of wave movement for (i) registering changes in height of water 18 and 19 above the pressure sensing structure 10, 50 and (ii) providing electrical power output at the ocean floor corresponding to changes in gravity force associated with the changes in the height of water. A transfer medium 12 is coupled at one end to the pressure sensing structure and extends at a second end to a shore location. A power receiving device such as a bank of storage batteries 14 or electrical load is coupled to the transfer medium at the shore location for receiving the power output from the transfer medium and for processing the power for use.